

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/050809

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L25/02 H04L27/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 209 836 A (MATSUSHITA ELECTRIC IND CO LTD) 29 May 2002 (2002-05-29) abstract paragraph '0010! - paragraph '0039! paragraph '0056! - paragraph '0071! paragraph '0087! paragraph '0090! - paragraph '0095!	1-9
X	WO 01/78339 A (ZENITH ELECTRONICS CORP) 18 October 2001 (2001-10-18) page 3, line 8 - line 19 page 11, line 6 - line 21 page 36, line 14 - page 38, line 23 page 45, line 9 - page 46, line 17 figures 2,14,18	1-3,5-9
A	EP 1 294 150 A (THOMSON LICENSING SA) 19 March 2003 (2003-03-19) paragraph '0018! - paragraph '0027!	1-9

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

24/09/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1209836	A	29-05-2002	JP	2001069118 A	16-03-2001
			AU	6598000 A	26-03-2001
			EP	1209836 A1	29-05-2002
			CN	1370359 T	18-09-2002
			WO	0117149 A1	08-03-2001
WO 0178339	A	18-10-2001	US	6754262 B1	22-06-2004
			US	6731682 B1	04-05-2004
			AU	4353901 A	23-10-2001
			TW	518857 B	21-01-2003
			WO	0178339 A1	18-10-2001
EP 1294150	A	19-03-2003	US	2003053571 A1	20-03-2003
			BR	0203731 A	03-06-2003
			CN	1409506 A	09-04-2003
			EP	1294150 A2	19-03-2003
			JP	2003134081 A	09-05-2003